DERELICT BUILDING GRANT PROGRAM

APPLICATION COVER PAGE

Applicant Name: City of Belle Plaine

Applicant:

☒ City Government — Population 2,534

☐ County Government — Population

Designated Contact:

Name: Bill Daily Title: City Administrator

Address: 1207 8th Avenue

City, State, Zip: Belle Plaine, IA 52208

Day Phone: 319-444-2200 Cell Phone: 319-241-4331

Email: cityadminbp@netins.net

What type(s) of assistance is the Applicant applying for? Check all that apply. See application guidelines for funding restrictions/limitations. Applicant will need to provide a minimum of 3 bids for each type of assistance being applied for.

- ☐ Certified asbestos inspection
- ☐ Structural engineering assessment
- ☒ Other hazardous materials removal - *Please identify*: Asbestos Removal
- ☐ Phase I Environmental Site Assessment
- ☐ Phase II Environmental Site Assessment
- ☒ Renovation of the structure
- ☐ Deconstruction

Amount of Funding Requested: $ 9,400

Amount of Applicant Cash Match Committed: $ 93,356

Total Project Cost: $ 102,756

Signature: Bill Daily Printed Name: Bill Daily

Title: City Administrator Date: October 28, 2011

Applicants may elect to submit proposals electronically or hard copy. A signed original proposal including color photos and other applicable attachments should be submitted to the attention of:

Scott Flagg, Department of Natural Resources, 502 E. 9th Street, Des Moines, Iowa 50319-0034
Email: scott.flagg@dnr.iowa.gov

DERELICT BUILDING GRANT PROGRAM

PROJECT IDENTIFICATION

Derelict Building Address: 729 12th Street

Derelict Building Number of Stories and Total Square Footage 1 story 1760 sq. feet

Year of building construction: 1910

Is the building listed on the National Register of Historic Places? ☐ Yes ☒ No

NOTE: Applicant must include in your proposal packet one set of street level color photos of all building sides.

Name of current owner, if known? City of Belle Plaine

Has the Applicant initiated any legal action to gain access to or ownership of the derelict building? (NOTE: Prior to taking ownership the Applicant is **strongly** encouraged to ensure that an inspection for asbestos and other hazardous materials has been conducted.) ☒ Yes ☐ No

Is the Applicant working with any other program(s) to secure funding or assistance related to this project? If so, please describe including anticipated date of funding decision.

We received a $250,000 IDED Brownfields Forgivable Loan for clean-up and debris removal on three abandoned properties 723, 830, & 729 for which this application is being submitted.

Has the Applicant received any bids related to this project? If so, please describe.

The clean-up of 729 is part of an overall Downtown Revitalization Project, which includes a Streetscape Phase and Façade Master Plan at a total cost of approximately $4.4 million. These phases have been under construction since April of 2011 with one general contractor, Garling Construction. We have requested that they work up a cost in relation to 729, which was $102,756. $13,800 of this is for asbestos removal for which we are requesting funding assistance. We are of the opinion that the most efficient and effective way to do the proposed project is through a change order with our current contractor Garling Construction. Our architect, RDG Planning & Design has reviewed the cost and believes they are appropriate.

What is the current status of the building? *Check all that apply.*

☒	Vacant[1]	☒	Nuisance
☒	Abandoned[2]	☐	Unsafe to enter due to structural integrity
☒	Uninhabitable	☒	In disrepair or deteriorated
☒	Damaged roof	☐	Other (please explain) _____

If abandoned, how long has it been in this status? 13 years

Has the derelict building been inspected for asbestos or other hazardous materials? ☒ Yes ☐ No

If yes, attach results.

[1] Vacant: building has been unoccupied for 6 months or less

[2] Abandoned: building has been unoccupied for more than 6 months

If asbestos and/or other hazardous materials were identified have these been properly abated?

☐ Yes ☒ No

***Applicants are encouraged to refer to the review criteria when responding to the questions below in order to achieve maximum results from the reviewers.**

DERELICT BUILDING GRANT PROGRAM

PROJECT IDENTIFICATION continued

For Renovation Projects only: Describe your asbestos management plan, if applicable. Describe the reuse and recycling aspects of the project. Identify the markets that will receive materials to be reused or recycled. Identify the disposal location for materials not reused or recycled. Describe the materials comprised of recycled content that you plan to incorporated into the project. If the applicant will be partnering with a local non-profit organization, please Identify and briefly describe its role in the project. Please describe any local or in-kind services that will be used in the project, i.e. labor, equipment, vehicles, etc. (Limit to 1000 words)

Haasco Ltd. out of Dyersville, IA has already conducted the asbestos inspection and the report is included in this application. The abestos management plan is included in the cost proposal by Garling Construction and will be sub-contracted out to Environmental Management Services, INC. out of Dubuque. They have handled all the asbestos abatement within the Façade Master Plan Project already and have done a good job, thus they have been selected to handle 729 abatement as well. A Phase I Site Assessment has been completed by Stanley Consutants, along with an overall site and building assessment conducted by RDG Planning & Design. As part of the overall revitalization project, the front façade is being restored, along with the rear wall being saved, thus diverting all this material from the landfill. Interior will be removed and a new EPDM roof will be installed along with sidewall masonry repairs

For Deconstruction Projects only: Describe your asbestos management plan, if applicable. Describe the depth of deconstruction that will take place including the reuse and recycling aspects of the project. Identify the markets that will receive materials to be reused or recycled. Identify the disposal location for materials not reused or recycled. Include primary building materials of the structure. If the applicant will be partnering with a local non-profit organization, please Identify and briefly describe its role in the project. Please describe any local or in-kind services that will be used in the project, i.e. labor, equipment, vehicles, etc. (Limit to 1000 words)

For Renovation and Deconstruction Projects: Describe the future plans for the property once the building has been renovated or deconstructed? Preference is given to applicants who can document that the redevelopment plan includes a job creation or revenue generating component. (Limit to 500 words)

With a roof being placed over this site and the façade being rehabilitated it is our hope that someone will come in and finish the interior for a retail business. We have seen a lot of interest in buildings downtown since the inception of the overall Downtown Revitalization Project and as it stands right now there is really nothing available. This fact leads us to believe that if we get this site stablized, cleaned out and with a roof on it, that develop could occur.

DERELICT BUILDING GRANT PROGRAM
BUDGET DETAIL

Item & Quantity	DNR Request	Cash Match	Total Cost
Asbestos removals by EMSI	$9,400	$4,400	$13,800
Interior removal & furnace, shoring back roof/existing floor	$	$18,720	$18,720
Dumpster allowance	$	$5,500	$5,500
Lighting & electrical removal	$	$800	$800
Roof trusses & mtrls., labor/equipment	$	$20,804	$20,804
60 mil EPDM roof, fiberboard, cap & 4" ISO by G&G	$	$9,720	$9,720
Masonry repairs by RRI	$	$5,100	$5,100
Garling Construction Mark up on work	$	$6,512	$6,512
Design & Engineering	$	$7,400	$7,400
Contingency	$	$14,400	$14,400
	$	$	$
TOTALS	**$9,400**	**$93,356**	**$102,756**

Provide a detailed budget narrative related to this project and specify how funds from the Derelict Building Grant Program will be used:
The overall budgeted costs is $102,756 with local share being covered by a Brownfields Redevelopment forgivable loan. Funds from the Derelict Building Grant Program will be used for asbestos removal. If my calculations are correct DNR request would be 100%, not to exceed $5,000, plus 50% of the remaining balance of $8,800, thus $4,4000, for a total request of $9,400. As we are only requesting funding for asbestos removal , I'm assuming this should negate the fact that some of our line items are ineligible cost according to Derelict Building Program. We have a substantial contingency built in, and if there's one thing we have learned through this whole project when working on 100 year old buildings, you cannot have enough contingency.

Identify the source(s) of all cash match. Continue on separate sheet as necessary.
Our local match for this phase of the overall Downtown Revitalization Project will be covered by an Iowa Department of Economic Development forgivable loan in the amount of $250,000. Brownfield Redevelopment award number 10-BRN-01. This allocation is for properties 729, 723 and 830 12th Street. If we need additional funding to make up the difference we will use city cash on hand (LOST).

DERELICT BUILDING GRANT PROGRAM
MILESTONE DETAIL

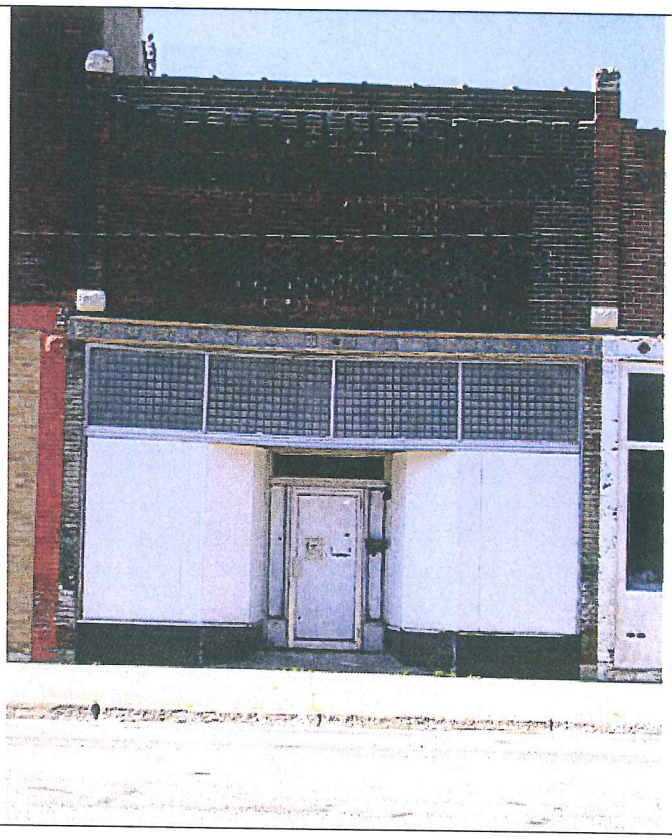
Provide a project timeline that describes the major milestones of the project. Continue on separate sheet as necessary.

PROJECT TASK / ACTIVITY	TASK/ACTIVITY START DATE	TASK/ACTIVITY END DATE	GROUP / PERSON RESPONSIBLE
Asbestos removal	1/1/12	2/1/12	Environmental Management Services
Interior removal & shoring of back roof/floor	2/1/12	3/1/12	Garling Const.
Lighting & Electrical Removal	2/1/12	2/1/12	Garling Const.
Installation of roof trusses	4/1/12	5/1/12	Garling Const
Unknowns	5/1/12	6/30/12	Garling Const.
Roof Installation	5/1/12	6/30/12	G & G Roofing
Masonry Repairs	5/1/12	6/30/12	Renaissance Restoration

1. NAME OF SLUM & BLIGHT AREA: **Belle Plaine Façade Improvement Area**

Property Data

Address: **729 12th Street**
Zoning or Land Use: Commercial
Commercial/Residential:
Stories: 1
General Construction: Brick/stucco
Storefront Construction: Brick
Building Age: Built 1910
Vacant: yes ☒ no ☐ other:
Assessed Value: $4,600
Other Relevant Data: 2,535 ft²



If the property contributes to slum & blight, please check all that apply.

☒ Physical Deterioration of Building
☐ Abandoned Property
☐ Chronic High Occupancy Turnover
☒ Chronic High Vacancy Rate
☐ Significant Decline in Property Value
☐ Abnormally Low Property Value
☐ Known or Suspected Environmental Contamination
☐ Other (please explain) _____

☐ *The property is not contributing to slum and blight*

Describe the condition of each applicable component using the category definitions found on pages 11-14. Also explain if the turnover/vacancy, property value, and/or contamination boxes which are checked above.

Component	Condition
Roofing	Collapsed.
Windows and Doors	Poor.
Exterior Walls	Poor (with some sag depicted, such as above doorway).
Porch/Stairs/Deck	Fair, as viewed from rear.
Foundation	Unknown.
Storefront & Signage	Poor. No visible evidence of occupancy with door/windows covered.
Parking Lots	Not applicable.
Other:	Chronic high vacancy.

Overall Property Rating: (Excellent / Good / Fair / Poor) briefly state why. **This is a property with chronic high vacancy (since 1999) that contributes to "slum/blight". The building otherwise depicts poor physical condition with signs of excessive deterioration for a property that has not been maintained for 10+ years, with component(s) showing wear (at least 50% or more) beyond the end or heir useful life.**

Additional Photographs.

Photo 7 – Interior of the subject site looking north. The roof has partially collapsed and access through the front or rear entrances was not reasonably ascertainable due to the condition of the building.

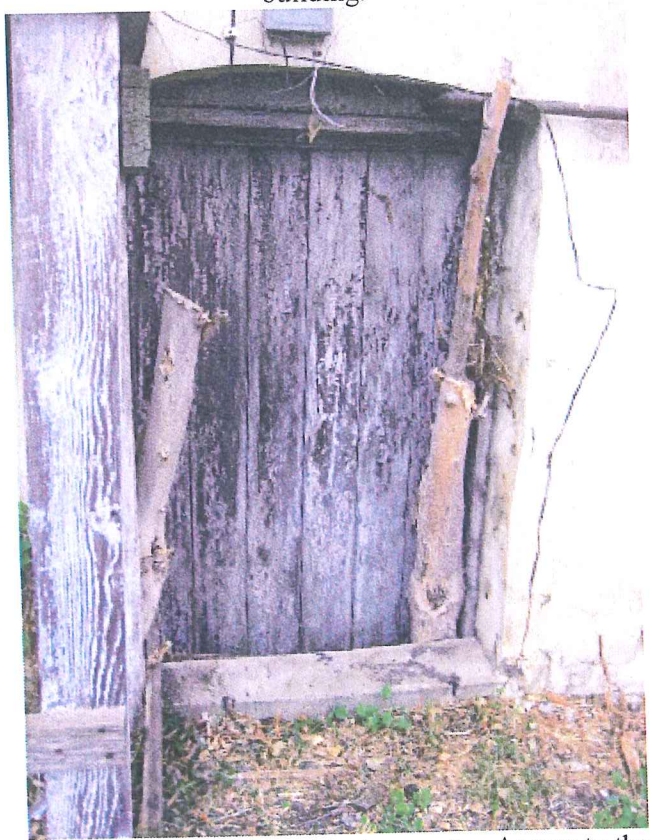


Photo 8 – Access to the basement of the subject property. Access to the basement was not reasonably ascertainable.

May 23, 2011

Bill Daily

City Administrator

City of Belle Plaine

1207 8th Ave.

Belle Plaine, Iowa 52208

RE: NESHAPS Asbestos Inspection

830 12th Street

Enclosed is the asbestos report for the asbestos inspection of the building located at 830 12th Street, Belle Plaine, Iowa. The purpose of the inspection was to identify asbestos containing materials so that these materials can be abated prior to clean up of this building. All suspect materials that were accessible were tested for asbestos and the sample results are enclosed. A total of 33 samples were analyzed for asbestos. A total of 7 materials tested positive for the presence of asbestos (see attached report).

All debris that contains any materials identified as containing asbestos should be abated by an Iowa licensed asbestos abatement company. It will involve treating all of the material located on the basement floor as asbestos containing.

I will be glad to assist you in getting quotes for asbestos removal or writing an Asbestos Project Design for bidding purposes.

If you have any question concerning this report, please feel free to call 563-920-0471.

Sincerely,

Thomas E. Haas

General Building Inspection Observations

The building inspection is conducted by a qualified and State of Iowa licensed Asbestos Inspector. The purpose of a building inspection is to identify existing building materials that are asbestos containing materials (ACM). If the inspection is conducted in an occupied building, the Inspector is sometimes denied accessibility to building areas and materials; i.e., the Inspector may not be allowed to cut through floor coverings or walls, remove quarry tiles, etc. There are many situations where ACM are concealed in wall cavities and other non-accessible areas, such as tunnels, crawl spaces, above ceilings, pipe chases, behind wall coverings, beneath debris piles, under various floor coverings, etc. When these situations occur in construction, renovation, and/or demolition, etc., materials in these areas shall be treated as ACM and handled as such by qualified and licensed asbestos personnel. If suspect asbestos containing material is discovered or damaged during the course of any activities, the material shall be considered and treated as ACM to diminish further fiber release. In addition, the Inspector uses an independent laboratory that analyzes the bulk building material samples using Polarized Light Microscopy (PLM). PLM analysis technique may not be as accurate as more expensive analysis techniques for certain building materials. It remains the Building Owner and/or Representative(s)' responsibility to address this issue and consider analyzing suspect building material using different analysis techniques prior to disturbing the material(s). The following are areas that may not be inspected.

1. **Tunnels and Crawl Spaces:** During the inspection process, the Inspector attempts to check tunnels and crawl spaces for ACM and the degree of damage to the materials. In most cases, quantification of ACM in these areas is impossible due to the inaccessibility to these areas. In addition, these areas may fall under: "Confined Space Regulations". Due to the congestion in tunnels and crawl spaces, obtaining an accurate quantification for mudded joints, pipe wrap, etc. is almost impossible. The Inspector will quantify ACM only in accessible tunnels and crawl spaces, and estimate the quantities in the inaccessible areas. Some reasons for inaccessibility are as follows: flooded areas, pipe congestion, asbestos and other debris, electrical hazards, confined spaces, unknown gas emissions, low ceilings, etc.

2. **Boilers and Thermal System Insulation:** Interior portions of boilers, heaters, storage tanks, etc. are not always accessible. Materials in these areas will be treated as ACM. Areas of concern are packing inside boiler doors and liners. Use extreme care and properly trained personnel when handling these types of materials. Some boilers have insulated metal jackets over fiberglass or ACM. Thermal system insulation can be found in many different forms; i.e., air cell, preformed magnesium block, millboard, etc. All fiberglass materials are excluded as suspect ACM.

3. **Debris:** In areas where damaged ACM may be found there may and usually will be ACM debris in the general area of the damaged material. These areas shall be treated with the utmost care even during the inspection and quantification process. The Inspector considers any exposure to this type of material as a health threat.

4. **State of Quantification:** As a general rule, individual rooms or areas of estimation contain inherently more probability of an error than those groups of rooms or areas or an entire building. In other words, the aggregate tends to be more accurate than the sums of the individual parts. Therefore, when designing response actions (measurements, air samples, etc.), the project designer and the asbestos abatement contractor's attention shall be given to ensure that quantification of materials and proper methods are followed through careful analysis of the site. If materials are quantified, the asbestos abatement contractor or owner, owner representatives or third parties are responsible for verifying the quantities.

5. **The Inspector** may take some latitude in the presentation of the Inspection Report. When the Inspector has found floor tiles, linoleum, and/or carpeting listed he/she may or may not have adhesives listed. Adhesives have been known to contain asbestos and therefore, although not mentioned, it may be presumed to be ACM, listed or not. Testing of the adhesive prior to disturbing is recommended. The same is true for adhesives or mastics used to adhere linoleum to floors or counter tops. All toweled-on and/or sprayed-on surfacing materials; i.e., floor mastics, wall and ceiling surfacings, etc. are either suspected or presumed ACM unless sampled and analyzed to indicate that they are not ACM.

6. **In the Inspection Report,** certain items such as mudded joints (MJ) or metal doors (MD), etc. are listed as units or number of units; i.e. 10 MJ, 3 Damaged, which is an indication of count rather than square feet or linear feet. Most materials listed in the assessment are either listed as square feet or linear feet with these noted exceptions.

7. **In the Assessment Process,** there are additional codes such as ME and MG; ME representing miscellaneous electrical and MG representing miscellaneous gasket materials. Both of these codes are used to indicate materials that are unusual to the normal course of an assessment of the building. Miscellaneous electrical materials include old electrical wiring, switchboards, transite panels, etc. Miscellaneous gasket materials can be found between (thermal) valves, on boiler doors, between fittings, between molds, etc. These codes give the Inspector the ability to qualify materials, which sometimes may not be considered as ACM.

8. **An Asbestos Code Sheet** is included with the Inspector's inspection report, which informs the client as to the Homogeneous Codes used during the inspection process.

9. **Caution-** Regarding Inspection results- Floor tiles, adhesives, and drywall (mud) found to not contain asbestos should be re-analyzed under the "Chatfield Method" of TEM analysis. Many times the results from having these materials analyzed under PLM results in false positives or false negatives. After reviewing your report, please notify the inspector if you want these samples analyzed under the "Chatfield Method".

10. Any sample less than 10% asbestos may be Point Counted. Point counting is a more accurate method of analyzing of bulk samples. The results of the point counting are the results that will determine if the material will be treated as asbestos.

11. Asbestos inspections are performed based on current understanding of the regulations. As new interpretations of the regulations are made aware of by the EPA, IDNR or IOSHA, Haasco, Ltd. will adapt their inspections to comply with these new procedures. If additional sampling is required by the different agencies, Haasco, Ltd will do the additional sampling. The owner is responsible for the additional cost for these samples as well as labor.

12. Haasco Ltd shall not be responsible for any cost of abating any additional asbestos discovered in any renovation or demolition activities. Any additional items discovered shall be tested when they become accessible. For example, old adhesive may be under new floor tiles and adhesive. Additional materials may be concealed in walls, under multi layers of flooring, etc.

ASBESTOS CODES

A = Assumed
ADH = Adhesive
APW = Air Cell Pipe Wrap
BP = Boiler Plaster
C = Ceiling
CAPS = Stair Treads
CQ = Can't Quantify
CT = Ceiling Tiles
CT/12 = 12" Ceiling Tiles
DAM. = Damaged
DEB = Debris
DW = Drywall
F = Friable
FE = Furnace Exhaust
FT = Floor Tiles
GASK = Gaskets
GYM = Gypsum
HOMO = Homogeneous
LINO = Linoleum
MISC = Miscellaneous Non Friable
MAC = Metal Asbestos Chimney
MATL DESC = Material Description
MD = Metal Door
ME = Miscellaneous Electrical
MF = Miscellaneous Friable
MJ = Mudded Joint
NC = Nose Cap
NF = Non Friable
NSM = Not Suspect Material
P or PH = Previous History
PP = Patched Plaster/Drywall
PSA = Sand Plaster
PSM = Smooth Plaster
S = Sample/Samples/Sampled
SCT = Suspended Ceiling Tile
SR = Sample Result
ST = Storage Tank
SUR = Surfacing
T = Thermal
Thermal Pipe Measurement = Linear Feet
TR = Transite
TSI = Thermal System Insulation
VC = Vibration Cloth
VDW = Vinyl Covered Drywall
W = Walls
WD = Wood Door
N = North
S = South
E = East
W = West

1. All Metal Doors are listed by quantities, example 3 = 3 metal doors.
2. All Mudded Joints are listed by quantities of MJ, not sizes.
3. All Pipe Wrap materials are listed in linear feet.
4. All other measurements are square feet unless stated elsewhere.
5. Sample Results: N = Not Considered Asbestos Containing Material
   Y = Considered Asbestos Containing Material
   P or PH = Previous History
   N/A = Not Analyzed
   <1% = Contains less than 1% Asbestos Containing Material
   >1% = Contains more than 1% Asbestos Containing Material
6. All Adhesives are considered Asbestos Containing Material (ACM) which can't be quantified - Non Friable ACM.
7. All Seals and Gaskets are considered Asbestos Containing Material (ACM) which can't be quantified – Non Friable ACM.

ASBESTOS LICENSE NO.: 11-7198PD
11-7199I

EXPIRATION DATE: 2/5/2012
2/5/2012

NAME: THOMAS HAAS
ADDRESS: 106 12TH AVE W
CITY STATE ZIP: DYERSVILLE IA 52040

ASBESTOS LICENSE NO.: 11-7284MP

EXPIRATION DATE: 3/17/2012

NAME: THOMAS HAAS
ADDRESS: 106 12TH AVE SW
CITY STATE ZIP: DYERSVILLE IA 52040

ASBESTOS LICENSE NO.: 10-6721S

EXPIRATION DATE: 10/22/2011

NAME: THOMAS HAAS
ADDRESS: 106 12TH AVE SW
CITY STATE ZIP: DYERSVILLE IA 52040

ASBESTOS LICENSE NO.: 11-7285I

EXPIRATION DATE: 3/17/2012

NAME: ALVIN HAAS
ADDRESS: 614 7TH AVE SE
CITY STATE ZIP: DYERSVILLE IA 52040

Haasco Ltd.

Chain of Custody Record
Bulk Material Samples

Facility Name / Site Location				
			830 12th Street Belle Plaine, Iowa Only front and rear walls of the bldg are standing Debris- old basement area	**Inspected by:** Thomas E. Haas
	83012	**Material**	**Material Description, Color, Location**	**Results**
				0%
	3A	Stucco	Stucco on west wall adjoining building- Positive stop	0%
	3B	Stucco	Stucco on west wall adjoining building	0%
	3C	Stucco	Stucco on west wall adjoining building	0%
	4A	Stucco	Stucco on the west wall adjoining building	0%
	4B	Stucco	Stucco on the west wall adjoining building	0%
	4C	Stucco	Stucco on the west wall adjoining building	0%
	5	Mortar	Mortar between bricks	0%
	6	Mortar	Mortar between limestone-foundation	0%
			Rest of samples are from the debris- old basement	
	7	Paint	Silver paint on misc. roofing debris- multi layers	0/0%
	8	Fiber	Fiber materials in misc roofing debris- multi layers	**25/0/0%**
	9	Roofing	Multi layers of misc. roofing	0/0%
	10	Coating	Coating on misc roofing	**25%**
	11	Coating	Black and silver coating on fiber and roofing materials	**0/20%**
	12	Tar	Misc tar from the lower level	**15%**
	13	Tar	Tar on stucco- do tar only	0%
	14	Tar	Tar on roofing material debris	**25%**
	15	Tar	Tar on fibers in roofing materials	**25%**
	16A	Gypsum	Gypsum like material in large front debris pile.	0%
	16B	Gypsum	Gypsum like material in large front debris pile.	0%
	16C	Gypsum	Gypsum like material in large front debris pile.	0%

Haasco Ltd.

Chain of Custody Record
Bulk Material Samples

Facility Name / Site Location				
			830 12th Street Belle Plaine, iowa	**Inspected by:** Thomas E. Haas
Lab No.	**83012**	**Material**	**Material Description, Color, Location**	**Results**
	17	Roll roofing	Rolled roofing sample from rear of bldg.	0%
	18	Misc	Misc. gray looking tar on foam pipe insualtion - rear of the bldg.	0/0%
	19	Tar	Gray and black tar on 3' diameter paipe - rear of the bldg.	**0/25%**
			Exterior rear of the bldg	
	20	Caulk	White brittle caulk located on the rear of the bldg.	0%
	21	Mortar	Mortar patches on the bricks rear of the bldg.	0%

QUANTEM® LABORATORIES

2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No.	194755	Client:	Haasco, Ltd. P.O.Box 156 Dyersville, IA 52040
Account Number:	A416		
Date Received:	05/03/2011		
Received By:	CeCelia Van Eck		
Date Analyzed:	05/10/2011	Project:	830 12th Street
Analyzed By:	Sandy Baker	Project Location:	Iowa
Methodology:	EPA/600/R-93/116	Project Number:	Belle Plaine

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
022	83012-18	Layered	Silver Paint	Asbestos Not Present	NA	Paint
022a		Layered	Black Foam	Asbestos Not Present	NA	Foam
023	83012-19	Layered	Gray Sealant	Asbestos Not Present	NA	Binder
023a		Layered	Black Tar	Asbestos Present Chrysotile 25	Glass Fiber 33	Tar
024	83012-20	Homogeneous	White Caulk	Asbestos Not Present	NA	CaCO3 Binder
025	83012-21	Homogeneous	Gray Mortar	Asbestos Not Present	NA	Quartz CaCO3

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No.	194755	Client:	Haasco, Ltd. P.O.Box 156 Dyersville, IA 52040
Account Number:	A416		
Date Received:	05/03/2011		
Received By:	CeCelia Van Eck		
Date Analyzed:	05/10/2011	Project:	830 12th Street
Analyzed By:	Sandy Baker	Project Location:	Iowa
Methodology:	EPA/600/R-93/116	Project Number:	Belle Plaine

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous

Sandy Baker, Analyst

5/10/2011
Date of Report

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

QUANTEM LABORATORIES

www.QuanTEM.com

ASBESTOS CHAIN OF CUSTODY

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502
(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 194755
(Accept) Reject

Contact Information		Project Information	Report Results (☑ one box)
Company: Hoass LTD	Phone: 5639200-71	Project Name: 830 12th Street	☐ QuanTEM Website
Contact: Tom Hoas	Cell Phone:	Project Location: Bella Plains	☐ Other _____
Account #:	E-mail:	Project ID: Town	

Sampled By: Name: Thomas E Hoas Date: April 30 11

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
	May 2 11	FedEx	CeCelia VanEck	5/3/11 10:45

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

PLM	PLM	TEM	TEM	TURNAROUND TIME
☑ Bulk Analysis (EPA 600/R-93/116)	☐ Vermiculite Attic Insulation (EPA 600/R-04/004)	☐ Air- AHERA	☐ Bulk- Presence / Absence EPA600/R-93/116	☐ Rush
☐ 400 Point Count	☐ Other	☐ Air- NIOSH 7402	☐ Bulk- Quantitative [weight%]- Chatfield	☐ Same Day
☐ 1000 Point Count	PCM	☐ Air- ISO 10312	☐ Dust- Presence / Absence	☐ 24 - Hour
☐ Gravimetric Preparation	☐ NIOSH 7400	☐ Drinking Water- EPA 100.2	☐ Dust- Quantitative [fibers/sq.cm]- ASTM D5755	☐ 3 - Day
☐ Particle ID		☐ Waste Water- EPA 600/4-83-043	☐ Other	☑ 5 - Day

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	830 12 3A	☐		Sheetrock COC		
2		☐				
3		☐				
4		☐				
5		☐				
6		☐				
7		☐				
8		☐				
9		☐				
10	830 12 21	☐				

SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"

QUANTEM® LABORATORIES

2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 194755
Account Number: A416
Date Received: 05/03/2011
Received By: CeCelia Van Eck
Date Analyzed: 05/10/2011
Analyzed By: Sandy Baker
Methodology: EPA/600/R-93/116

Client: Haasco, Ltd.
P.O.Box 156
Dyersville, IA 52040

Project: 830 12th Street
Project Location: Iowa
Project Number: Belle Plaine

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
001	83012-3A	Homogeneous	Gray Stucco	Asbestos Not Present	Cellulose <1	Quartz CaCO3
002	83012-3B	Homogeneous	Gray Stucco	Asbestos Not Present	Cellulose <1	Quartz CaCO3
003	83012-3C	Homogeneous	Gray Stucco	Asbestos Not Present	NA	Quartz CaCO3
004	83012-4A	Homogeneous	Gray Stucco	Asbestos Not Present	NA	Quartz CaCO3 Paint
005	83012-4B	Homogeneous	Gray Stucco	Asbestos Not Present	Cellulose <1	Quartz CaCO3 Paint
006	83012-4C	Homogeneous	Gray Stucco	Asbestos Not Present	Cellulose <1	Quartz CaCO3

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 194755
Account Number: A416
Date Received: 05/03/2011
Received By: CeCelia Van Eck
Date Analyzed: 05/10/2011
Analyzed By: Sandy Baker
Methodology: EPA/600/R-93/116

Client: Haasco, Ltd.
P.O.Box 156
Dyersville, IA 52040

Project: 830 12th Street
Project Location: Iowa
Project Number: Belle Plaine

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
007	83012-5	Homogeneous	Gray Mortar	Asbestos Not Present	Cellulose <1	Quartz CaCO3
008	83012-6	Homogeneous	Gray Mortar	Asbestos Not Present	Cellulose <1	Quartz CaCO3
009	83012-7	Layered	Silver Paint	Asbestos Not Present	Cellulose 4	Paint
009a		Layered	Black Tar	Asbestos Not Present	Glass Fiber 4	Tar
010	83012-8	Layered	Black Roofing	Asbestos Present Chrysotile 25	Glass Fiber 30	Tar
010a		Layered	Silver Paint	Asbestos Not Present	Cellulose 5	Paint

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 194755
Account Number: A416
Date Received: 05/03/2011
Received By: CeCelia Van Eck
Date Analyzed: 05/10/2011
Analyzed By: Sandy Baker
Methodology: EPA/600/R-93/116

Client: Haasco, Ltd.
P.O.Box 156
Dyersville, IA 52040

Project: 830 12th Street
Project Location: Iowa
Project Number: Belle Plaine

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
010b		Layered	Black Tar	Asbestos Not Present	Cellulose 6	Tar
011	83012-9	Layered	Black Roofing	Asbestos Not Present	Cellulose 5	Tar
011a		Layered	Black Roofing	Asbestos Not Present	Cellulose 5	Tar
012	83012-10	Homogeneous	Black Tar	Asbestos Present Chrysotile 25	Glass Fiber 30	Tar
013	83012-11	Layered	Silver Paint	Asbestos Not Present	Cellulose 4	Paint
013a		Layered	Black Roofing	Asbestos Present Chrysotile 20	Glass Fiber 25	Tar
014	83012-12	Homogeneous	Black Tar	Asbestos Present Chrysotile 15	NA	Tar

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

QUANTEM® LABORATORIES

2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 194755
Account Number: A416
Date Received: 05/03/2011
Received By: CeCelia Van Eck
Date Analyzed: 05/10/2011
Analyzed By: Sandy Baker
Methodology: EPA/600/R-93/116

Client: Haasco, Ltd.
P.O.Box 156
Dyersville, IA 52040

Project: 830 12th Street
Project Location: Iowa
Project Number: Belle Plaine

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
015	83012-13	Homogeneous	Black Tar	Asbestos Not Present	Glass Fiber 5	Tar
016	83012-14	Homogeneous	Black Tar	Asbestos Present Chrysotile 25	Glass Fiber 10	Tar
017	83012-15	Homogeneous	Black Tar	Asbestos Present Chrysotile 25	Glass Fiber 10	Tar
018	83012-16A	Homogeneous	White Sheetrock	Asbestos Not Present	NA	Gypsum CaCO3
019	83012-16B	Homogeneous	White Sheetrock	Asbestos Not Present	NA	Gypsum CaCO3
020	83012-16C	Homogeneous	White Sheetrock	Asbestos Not Present	NA	Gypsum CaCO3
021	83012-17	Homogeneous	Black Roofing	Asbestos Not Present	Cellulose 30	Tar

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.